

## REMARKS

Claims 1-19 are pending.

Claims 1-19 are rejected under 35 U.S.C. 112, first paragraph, because the specification does not reasonably provide enablement for the claimed subject matter. In response, Applicant amends claims 1 and 12 so that each of claims 1 and 12 recites that the hydrogel particles containing the zeolite and the gallium component are treated with the fluid. Accordingly, it is believed that claims 1 and 12 meet the requirements of 35 U.S.C. 112, first paragraph. The rejection of claims 2-11 under 35 U.S.C. 112, first paragraph, should be withdrawn for the reasons given in support of claim 1 because they are dependent on claim 1. The rejection of claims 13-19 under 35 U.S.C. 112, first paragraph, should be withdrawn for the reasons given in support of claim 12 because they are dependent on claim 12.

Claims 1-19 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. In response, Applicant amends claims 1 and 12 so that each of claims 1 and 12 recites the obtaining of a dehydrocyclodimerization catalyst. Applicant amends claims 2 and 3 to make it clear that the recitations of "treating" in claims 2 and 3 have antecedent basis in claim 1 in the treating of the hydrogel particles containing the zeolite and the gallium component with the fluid. Applicant also amends claims 13 and 14 to make it clear that the recitations of "treating" in claims 13 and 14 have antecedent basis in claim 12 in the treating of the hydrogel particles containing the zeolite and the gallium component with the fluid. Applicant amends claim 4 to make it clear that the "drying" has antecedent basis in claim 1 in the drying of the hydrogel particles containing the zeolite and the gallium component to obtain dehydrocyclodimerization catalyst. Applicant amends claim 15 to make it clear that the "drying" has antecedent basis in claim 12 in the drying of the hydrogel particles containing the zeolite and the gallium component to obtain dehydrocyclodimerization catalyst. Support for the amendments to claims 2-4 and 13-15 is at page 10, line 14 to page 11, line 7. Applicant amends claim 10 to provide antecedent basis for the chloride compound. Support for the amendment to claim 10 is at page 8, lines 1-5. In light of these amendments, it is believed that claims 1-19 meet the

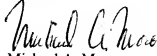
requirements of 35 U.S.C. 112, second paragraph, and therefore the rejection of claims 1-19 under 35 U.S.C. 112, second paragraph, should be withdrawn.

It is believed these amendments do not introduce new matter.

The subject application is now believed to be in a condition for an allowance of claims 1-19 and such action is respectfully requested.

Respectfully submitted,

UOP LLC

A handwritten signature in black ink, appearing to read "Michael A. Moore".

Michael A. Moore  
Attorney for Applicant  
Reg. No. 41,203

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